

ABSTRACT OF THE DISCLOSURE

A protocol analyzer, a protocol analyzing method, a data storage medium, a data signal and a computer program, for exactly analyzing and displaying the OBEX protocol rapidly, according to the single frame analysis. The protocol analyzer (10) comprises: a storage section (1) for storing data for every frame, therein; an extension attribute addition section (2) for reading the data for every frame, to set a notification flag in a state in a predetermined case and to add an extension attribute to the data in a predetermined case; and an analysis section (2) for analyzing and outputting the data for every frame, according to a frame format, in a predetermined case, and for deciding the frame type of the data according to the extension attribute added to the data, to analyze and output the data according to the frame format in a predetermined case.